

UTILITY
PATENT APPLICATION
TRANSMITTAL

Our Docket No.: 14467.05

First Named Inventor: John P. Snyder

Title: TRANSISTOR HAVING HIGH DIELECTRIC CONSTANT
GATE INSULATING LAYER AND SOURCE AND DRAIN
FORMING SCHOTTKY CONTACT WITH SUBSTRATE

Express Mail No.: EV 325425865 US

ADDRESS TO:

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-145017548 U.S. PTO
10/796514

030904

APPLICATION ELEMENTS

ACCOMPANYING APPLICATION PARTS

1. ☒ Fee Calculation Sheet
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status
3. ☒ Specification with Cover Sheet Total Pages: 33
☒ Descriptive title of the invention
☒ Cross Reference to Related Applications
☐ Statement Re: Fed. Sponsored R&D
☐ Reference to Microfiche Appendix
☒ Background of the Invention
☒ Brief Summary of the Invention
☒ Brief Description of the Drawings
☒ Detailed Description
☒ Claims
☒ Abstract of the Disclosure
4. ☒ Drawings (35 U.S.C. 113) Total Sheets: 12
5. ☒ Oath or Declaration Total Pages: 2
a. ☐ Newly Executed (original or copy)
b. ☒ Copy from a prior application (37 C.F.R. 1.63(d))
(for continuation/divisional with
Box 19 completed)
i. ☐ **DELECTION OF INVENTORS**
Signed statement attached deleting inventor(s)
named in the prior application (37 C.F.R.
1.63(d)(2) and 1.33(b))
6. ☒ Application Data Sheet (37 C.F.R. 1.76)
7. ☐ CD-ROM or CD-R in duplicate,
large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. ☐ Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statement verifying identify of above copies

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 C.F.R. 3.73(b) Submission
12. ☐ Power of Attorney
13. ☐ Information Disclosure Statement
(with Copies of Citations as necessary)
14. ☒ Preliminary Amendment Total Pages: 13
15. ☐ Certified Copy of Priority document(s)
(if foreign priority is claimed)
16. ☐ English Translation Document (if applicable)
17. ☒ Return Receipt Postcard
(Should be specifically itemized)
18. ☒ Other
☒ Check No. 985198 for \$1,109
☐
☐
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CONTINUATION APPLICATIONS

19. If a CONTINUING APPLICATION, check appropriate box and
supply the requisite information:

- ☒ Continuation
☐ Division
☐ Continuation-in-Part (CIP)

of PRIOR APPLICATION

U.S. patent application no. 10/215,447, filed 8/9/2002; which is
a CIP of U.S. patent application no. 09/928,124, filed 8/10/2001
and U.S. patent application no. 09/928,163, filed 8/10/2001; and
claims priority to U.S. provisional patent application no.
60/381,320, filed 5/16/2002; and claims priority to international
application no. PCT/US02/25289, filed 8/9/2002.

For CONTINUATION or DIVISIONAL APPLICATIONS: The entire
disclosure of the prior application, from which a copy of the oath or
declaration is supplied under Box 5b, is considered as being part of the
disclosure of the accompanying application and is hereby incorporated
by reference.

CORRESPONDENCE ADDRESS

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Attorney Name: Min (Amy) S. Xu		Reg. No. 39,536	
Signature: <i>Min S. Xu</i>		Date: <i>March 9, 2004</i>	

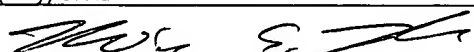
22651 U.S. PTO
030904


APPLICATION FEE TRANSMITTAL SHEET (FY 2004)

Complete if Known	
Application No.	Not Yet Known
Filing Date	Herewith
First Named Inventor	John P. Snyder
Group Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Atty. Docket Number	14467.05

METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																																													
1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: 04-1420 Deposit Account Name: <u>DORSEY & WHITNEY LLP</u> <input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)		3. ADDITIONAL FEES																																																																																																													
2. <input checked="" type="checkbox"/> Check Enclosed		<table border="1"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>130</td><td>65</td><td>Surcharge - Late nonprovisional filing fee or oath</td><td></td></tr> <tr><td>180</td><td>180</td><td>Submission of IDS</td><td></td></tr> <tr><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>110</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>420</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>950</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1,480</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>2,010</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>770</td><td>385</td><td>Submission After Final 1.129</td><td></td></tr> <tr><td>330</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>330</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>290</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>110</td><td>55</td><td>Terminal Disclaimer Fee</td><td></td></tr> <tr><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>50</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>1,330</td><td>665</td><td>Utility/Reissue Issue Fee (including advance copies)</td><td></td></tr> <tr><td>480</td><td>240</td><td>Design Issue Fee (inc. advance copies)</td><td></td></tr> <tr><td>770</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>300</td><td>300</td><td>Publication fee for early, voluntary, or normal publication</td><td></td></tr> <tr><td>300</td><td>300</td><td>Publication fee for re-publication</td><td></td></tr> <tr><td>110</td><td>55</td><td>Petition to Revive - unavoidable</td><td></td></tr> <tr><td>1,330</td><td>665</td><td>Petition to Revive - unintentional</td><td></td></tr> <tr><td colspan="2">OTHER FEE (specify)</td><td></td><td></td></tr> <tr><td colspan="2">Subtotal (3)</td><td></td><td>0</td></tr> <tr><td colspan="2">Total Amount of Payment:</td><td></td><td>\$1,109</td></tr> </tbody> </table>	Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	50	25	Surcharge - late provisional filing fee or cover sheet		130	65	Surcharge - Late nonprovisional filing fee or oath		180	180	Submission of IDS		40	40	Recording each patent assignment per property (times number of properties)		110	55	Extension for reply within first month		420	210	Extension for reply within second month		950	475	Extension for reply within third month		1,480	740	Extension for reply within fourth month		2,010	1,005	Extension for reply within fifth month		770	385	Submission After Final 1.129		330	165	Notice of Appeal		330	165	Filing a brief in support of an appeal		290	145	Request for oral hearing		110	55	Terminal Disclaimer Fee		130	130	Petitions to the Commissioner		50	50	Petitions related to provisional applications		1,330	665	Utility/Reissue Issue Fee (including advance copies)		480	240	Design Issue Fee (inc. advance copies)		770	385	Request for Continued Examination (RCE)		300	300	Publication fee for early, voluntary, or normal publication		300	300	Publication fee for re-publication		110	55	Petition to Revive - unavoidable		1,330	665	Petition to Revive - unintentional		OTHER FEE (specify)				Subtotal (3)			0	Total Amount of Payment:			\$1,109	
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2. EXTRA* CLAIM FEES																																																																																																															
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Submitted by:

CUSTOMER NUMBER 25763	DORSEY & WHITNEY LLP	Intellectual Property Department Suite 1500, 50 South Sixth Street Minneapolis, MN 55402
Name: Min (Amy) S. Xu	Phone No.: (612) 752-7367	Fax No.: (612) 340-8856
Signature: 	Reg. No.: 39,536	Date: March 9, 2004

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)			Docket No.
Applicant(s): John P. Snyder et al.			14467.05
Serial No. Not Yet Known	Filing Date Herewith	Examiner Not Yet Known	Group Art Unit Not Yet Known
Invention: TRANSISTOR HAVING HIGH DIELECTRIC CONSTANT GATE INSULATING LAYER AND SOURCE AND DRAIN FORMING SCHOTTKY CONTACT WITH SUBSTRATE			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"><p>Appln Trans (1); Fee Trans (1); Appln Data (2); Copy of Decl frm prior appln (2); Copy of Spec frm prior appln w/Cover (33); Drwgs, FIGS. 1-10 (12); Prelim Amend (13); Check #985198; Rcpt Pstcrd</p></div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p style="text-align: center;"><u>9 March 2004</u> <i>(Date)</i></p> <div style="text-align: right; margin-right: 100px;"><p><u>Kim Anderson</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EV 325425865 US</u> <i>("Express Mail" Mailing Label Number)</i></p></div> <p>Note: Each paper must have its own certificate of mailing.</p>			